

Meeting Minutes Transmittal

M-91 Milestone  
Project Managers Meeting  
825 Jadwin/Room 340  
Richland, Washington  
October 22, 2009

The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting. Signatures denote concurrence with the content only and are not intended to imply agreement to any commitments.

Kathleen A Conway Date: Jan 28, 2010  
Project Manager Representative, Ecology

[Signature] Date: 28 Jan 2010  
Project Manager Representative, RL

[Signature] Date: JAN 28 2010  
Project Manager Representative, CHPRC

- |                            |       |
|----------------------------|-------|
| M-91 Administrative Record | H6-08 |
| MS Collins                 | A6-38 |
| DG Singleton               | H0-57 |
| PW Martin                  | T4-52 |
| LL Fritz                   | T3-11 |

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## M-91 PROJECT MANAGERS MEETING

825 Jadwin/Room 340

Richland, Washington

October 22, 2009

10:15 a.m. to 10:45 a.m.

### Agenda

I. Approval of September 24, 2009 M-91 PMM Minutes (Ecology/DOE-RL/CHPRC)

II. Status Report

A. Status of Previous Agreements and Commitments (TPA Milestone Update)

B. Near Term Schedules and Ongoing Activities (TPA Milestone Update)

C. Concerns regarding meeting scheduled milestone completion dates

D. SAP Implementation

III. New Agreements and Commitments

IV. Approved Changes signed off in Accordance with TPA Section 12.2

V. General Discussion

VI. Actions

Description	Status	Date
Schedule a meeting between Ecology and RL to discuss the M-91 retrieval SAPs	Meeting was held August 26, 2008	8/28/08
	A follow on meeting will be scheduled by Ecology (MM) to discuss proposed modifications to SAPs	9/25/08
	Ecology will follow up and provide a status	1/22/09
	No change in status	3/26/09
	CHPRC will meet with Ecology the week of 4/27/09	4/23/09
	This action will be deleted and considered covered under the following action regarding sampling data from trenches 1 & 7	7/23/09
RL will provide Ecology with sampling data from trenches 1 & 7 in 218-W-4C	Pending	4/23/09
	A project due date for RL to provide Ecology the sampling data is 7/1/09	5/28/09
	A project due date for RL to provide Ecology the sampling data has been changed to 8/15/09	6/25/09
	Pending	7/23/09
	Pending RL's letter transmitting the sampling data	8/27/09
	RL's letter was issued 9/15/09, closing this action	9/24/09

VII. Documents for Submittal to the Administrative Record

VIII. Next Project Managers Meeting - TBD

M-91 PROJECT MEETING MINUTES  
Project Managers Meeting  
825 Jadwin/Room 340/700 Area  
Richland, Washington

October 22, 2009

- I. Approval of September 24, 2009 M-91 Project Meeting Minutes (Ecology/DOE-RL/CHPRC).
  - A. The PMM minutes were approved.
  
- II. Status Report
  - A. Status of Previous Agreements and Commitments (TPA Milestone Update)

The M-91 milestone status update was provided by Mike Collins (RL). (See attached PMM Status Summary – September 30, 2009). Due to higher priority work, Mr. Collins requested another extension to respond to Ecology's comments on the M-91-03, 06/30/09 Project Management Plan (PMP). Michelle Mandis (Ecology) granted an extension to December 31, 2009. Mr. Collins noted that the date for the 242 cubic meters of waste retrieved under M-91-40 should be corrected to read from 9/17/09 to 10/16/09. Mr. Collins stated that he will be validating retrieval of 9,950 cubic meters of CH-RSW next Wednesday, and a completion letter will follow with transmittal to Ecology. Currently retrieval is under way in 3A, trench 17, and 4B, trench 11. Preparations are being made to open trench 8 in 4B. Regarding M-91-42, a completion letter is in RL concurrence for treatment of 7,600 cubic meters of mixed low level waste. Mr. Collins stated that the plan for the 1,036 "Idaho" drums of TRU waste is to start shipping them either to the Waste Isolation Pilot Plant (WIPP) and/or to Idaho in March 2010. Mr. Collins noted that the 497 cubic meters of TRU/M waste represents the amount that has been made certifiable for a period of time both before and after January 2009. There are currently two repackaging lines operating at T Plant, a third line is in training, and a fourth line is anticipated for startup in the near future.
  - B. Near Term Schedules and Ongoing Activities (TPA Milestone Update)

There were no schedules or activities to status.
  - C. Concerns Regarding Meeting Scheduled Milestone Completion Dates  
The M-91 status report covers milestone completion dates.
  - D. SAP Implementation  
Greg Berlin (CHPRC) reported that steps 1 (riser data) and 2 (subsurface to surface results) Sampling and Analysis Plan (SAP) data for FY10 is being evaluated. A kick-off meeting with Ecology will be scheduled in mid-December 2009 to present the SAP data. Following that, Phase 3 sampling for 218-W-4C will be determined. The vision is to complete Phase 3 sampling in FY10 if required for 218-W-4C, and then move into other available trenches (likely 218-W-4B or 3A) in FY11.

- III. New Agreements and Commitments
  - A. Ecology agreed to an extension for RL's response to the M-91-03 PMP by December 31, 2009.
- IV. Approved Changes have been signed off in Accordance with TPA Section 12.2
  - A. There were no approved changes to sign.
- V. General Discussion
  - A. There were no topics for general discussion.
- VI. Actions

Description	Status	Date
RL/CHPRC will schedule a meeting with ecology to discuss results of Phase 1 and 2 sampling for burial ground 218.W. UC and determine the need for Phase 3 sampling.		12/15/2009

- VII. Documents for Submittal to the Administrative Record
  - A. Quarterly sampling report – see attachment
- VIII. Next Project Managers Meeting - 10:15 a.m. December 10, 2009.

PMM Status Summary – September 30, 2009

Milestone	Due Date(s)	Status Summary	Comments
<b>M-91-00:</b> Major Milestone for acquisition of needed facilities/capabilities for mixed and suspect mixed MLLW, and TRUM and suspect TRUM.	TBD		
<b>M-91-01:</b> Facility/Capability Interim Milestone (RH and/or large container TRUM)	TBD		<ul style="list-style-type: none"> <li>• Discussion of proposed alternatives and methods to meet needed capabilities is included in the 2008 PMP. This will be updated in the 2009 PMP.</li> <li>• A draft M-91 Project Alternatives Evaluation Study was completed in 04/08 to document the current state of alternatives analysis. Additional design work related to capital upgrades has been put on hold based on the lack of FY 2009 funding.</li> <li>• Techniques used to retrieve Boxes 80 and 82 from 218-W-3A, Trench 17, could potentially provide some of the capability (e.g., waste segregation, compliant packaging). Same techniques could potentially be used to address CH, large boxes stored at CWC.</li> </ul>
<b>M-91-03:</b> Submit TRUM/MLLW PMP	Revision due annually by 06/30	06/30/09 PMP submission complete	<ul style="list-style-type: none"> <li>• Comments from Ecology on the 06/09 PMP were received 08/14/09. Due to higher priority work, Ecology agreed to extend the comment response time to 10/31/09 at the 09/24/09 PMM.</li> </ul>
<b>M-91-40:</b> Retrieval and designation of CH-RSW (regardless	9,950 m <sup>3</sup> cumulative by 09/30/09	09/30/09 target complete	<ul style="list-style-type: none"> <li>• 10,439 m<sup>3</sup> of RSW was retrieved as of 10/16/09. 242 m<sup>3</sup> was retrieved between 10/16/09 and 08/14/09.</li> <li>• 296 m<sup>3</sup> has been removed from trenches but not declared</li> </ul>

of size)	(target)  10,700 m <sup>3</sup> cumulative by 09/30/10 (target)  1,000 m <sup>3</sup> annually thereafter until complete (target)  Complete - TBD		retrieved. <ul style="list-style-type: none"> <li>Next Generation Retrieval/Point-of-Generation Compliant Packaging: Phase I (waste retrieval) scheduled to start in 05/10. Phase II (waste processing) scheduled to start 11/10. Procurement of equipment and services ongoing.</li> <li>There were no substrate sampling and analysis results for 07/09-09/09.</li> </ul>
<b>M-91-41:</b> Retrieval and Designation of RH RSW (regardless of size)	Initiate retrieval – 01/01/11  Complete non- caisson retrieval – 12/31/14  Complete caisson retrieval – 12/31/18	On Schedule	<ul style="list-style-type: none"> <li>RH non-caisson retrieval being performed in conjunction with CH retrieval.</li> <li>Alpha Caisson Retrieval/Point-of-Generation Compliant Packaging: Phase II (waste processing using a mobile hot cell) design is ongoing. Phase I (waste retrieval) design started.</li> </ul>
<b>M-91-42:</b> Treatment of non-large size CH-MLLW and certification of non-large	Treat 7,600 m <sup>3</sup> cumulative of MLLW by 12/31/09	12/31/09 MLLW treatment target complete	<ul style="list-style-type: none"> <li>7,823 m<sup>3</sup> of the MLLW (MLLW-2 through MLLW-10 excluding MLLW-7) was treated as of 10/16/09. 107 m<sup>3</sup> was treated between 09/17/09 and 10/16/09.</li> <li>7,982 m<sup>3</sup> was shipped as of 10/16/09. 48 m<sup>3</sup> was shipped</li> </ul>

size CH TRUM	<p>(target)</p> <p>Complete MLLW treatment - TBD</p> <p>Certify 200 m<sup>3</sup> TRU waste by 09/30/09 (target)</p> <p>Certify 200 m<sup>3</sup> TRU waste by 09/30/10 (target)</p> <p>Outyear TRU waste certification milestones - TBD</p>	09/30/09 TRU waste target complete	<p>between 09/17/09 and 10/16/09.</p> <ul style="list-style-type: none"> <li>• The amount of M-91-42 MLLW (MLLW-2 through MLLW-10 excluding MLLW-7) in SWOC storage was 169 m<sup>3</sup> as of 09/30/09.</li> <li>• Prepared 1,036 drums (about 200 m<sup>3</sup>) of TRU/M waste for shipment to Idaho as of 10/16/09. None was prepared between 09/17/09 and 10/16/09.</li> <li>• 486 m<sup>3</sup> of TRU/M waste is certified as of 10/16/09. None was certified between 09/17/09 and 10/16/09.</li> <li>• 497 m<sup>3</sup> of TRU/M has been packaged into a certifiable waste form as of 10/16/09.</li> <li>• The volume of M-91-42 TRU/M stored in SWOC was 2,756 m<sup>3</sup> as of 09/30/09.</li> <li>• WRAP will focus on waste characterization and shipping. A second repackaging line at T Plant is expected to be routinely operating in mid-10/09. A third repackaging line at T plant is expected to be routinely operating in early 11/09.</li> </ul>
<b>M-91-43:</b> Designation and treatment of RH and/or Large Size MLLW	<p>Treat 300 m<sup>3</sup> additional by 06/10/10</p> <p>Treat at annual rate of 300 m<sup>3</sup> - TBD</p>	06/10/10 interim complete	<ul style="list-style-type: none"> <li>• Treated 647 m<sup>3</sup> of MLLW-07 since 12/31/02 as of 10/16/09. 4 m<sup>3</sup> was treated between 09/17/09 and 10/16/09. Both RH MLLW-07 and Large Size MLLW-07 have been treated.</li> <li>• Shipped 662 m<sup>3</sup> of MLLW-07 for treatment since 12/31/02 as of 10/16/09. 13 m<sup>3</sup> was shipped between 09/17/09 and 10/16/09.</li> <li>• The volume of M-91-43 waste in storage in SWOC was 119 m<sup>3</sup> as of 09/30/09.</li> </ul>
<b>M-91-44:</b>	Begin	At Risk	<ul style="list-style-type: none"> <li>• M-91-44 TRU/M in SWOC storage was 6,814 m<sup>3</sup> as of</li> </ul>

Designation of Newly Generated and Stored RH and or Large Size Transuranic Waste and Large/RH TRUM certification	certifying at an annual rate of 300 m <sup>3</sup> by 06/30/12 (target)		08/10/09.
<b>M-91-45:</b> Submit a change package to replace to-be-determined dates	12/31/09	On Schedule	<ul style="list-style-type: none"> <li>Negotiations between Ecology and DOE started 09/08/09.</li> </ul>
<b>M-16-93:</b> Submit implementation work plan for acquisition of capabilities necessary to prepare TRU/M waste generated by CERCLA clean-up actions at Hanford for disposal at WIPP.	12/31/09	On Schedule	<ul style="list-style-type: none"> <li>Start drafting the work plan -- 4<sup>th</sup> quarter CY 2009.</li> </ul>

**Fritz, Lori L**

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**From:** Collins, Michael S  
**Sent:** Monday, September 28, 2009 8:00 AM  
**To:** Dixon, Brian J  
**Cc:** Fritz, Lori L  
**Subject:** M-91-40 SAMPLING ANALYSIS RESULTS

Brian,

The April-June 2009 sampling analysis results were sent to Ecology via letter 09-AMCP-0207.

Mike C.

**M-91 PROJECT MANAGERS MEETING**  
**825 Jadwin/Room 340**  
**Richland, Washington**  
**October 22, 2009**

**Attendance List**

Name	Organization	Phone Number
Kathy Clark	CHPRC	376-2377
Kathy Knox	Knox Court Reporting	946-5535
LOU FRITZ	CHPRC	313-0358
PAUL W. MARTIN	CHARC	376-6620
R. P. HARRIS	CHPRC	373-3235
Michael Gillins	DOE-RL	
Michelle Manders	Ecology	2-7970
GREG BERLIN	CITCRP	374-2589
LINDA Petersen	CHPRC-FGA	373-4200